**REQUIREMENT**

* 1. **ABOUT SUBJECT**
* This project will be basic for the development & implementation of the computerized system for better efficiently, effective utilization.
* Study has been conducted to understand the current processes being followed by the “Jewellery Shop”.
* An online jewellery design the main goal of this project was to create dynamic website, which allows customers to provide information about the jewellery products online.
* Moreover, the project is also designed in such a way it lets managers manage the products information.
* Customers are only getting the information about the Jewellery products, and they will be contacted to further process for by the jewellery.
* In today’s busy world, people don’t have time for their personal needs.
* If someone buy new things and he/she want to get information about jewellery with the help of internet.
* The website is implemented in PHP and consists of two main components:

1. Admin Side
2. Customer Side

* Admin side consists of the features such as creating username and password, input items, modify items, delete items, database and admin login.
* Customer side consists of the features such as select products for add to cart, client login, client registration.
* If user is of their interest when they visit the site again.
* This website makes use of digital technology for managing the flow information.
* Information about the jewellery is one of the important facility provided in online informative website.
* This lets customer to browse different goods and services and once they select an item to purchase they can place the item in add to card.
* If can be used by a wide variety of outlets to automate the process of manually maintaining the records related to the projects.
* Our websites are provide the all information about large amount of variety of “JB JEWEL SHOP” products.
* All these function are interlinked to each other, which depend on the flow of information amongst them.
  1. **ABOUT PLATFORM**

1. **PHP**

* PHP is the most popular scripting language for web development. It is free, open source and server side language.
* PHP is mainly focused on server-side scripting, so you can do anything any other CGI program can do, such as collect form data, generate dynamic page content, or send and receive cookies. But PHP can do send much more.
* PHP is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
* It is integrated with a number of popular databases, including MYSQL, ORACLE, SyBase server, etc.

1. **MYSQL**

* MYSQL is a database management system. It may be anything from a simple shopping list to a picture gallery or the vast amounts of information in a corporate network.
* To add, access and process data stored in a computer database, you need a database management system such as MYSQL server.
* The datatype is a guideline for SQL to understand what type of data is expected inside of each column and it also identifies how SQL will interact with the stored data. In MYSQL there are three main data types: String, Numeric and Date & time.
* MYSQL is a fast, easy to use RDBMS being used for many small and big businesses. MYSQL is developed, marketed and supported by MYSQL, which is a Swedish company.

1. **HTML**

* HTML stands for Hyper Text Markup Language.HTML is the standard markup language for creating web pages.
* HTML describes the structure of a web page. HTML consists of a series of elements. HTML elements tell the browser how to display the content.
* It is used to tell your web browser what each part of a website is. So using html, you can define headers, paragraphs, links, images, and more.

1. **CSS**

* CSS is the language for describing the presentation of pages, including colours, layout and fonts.
* CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in mark-up language.
* With CSS, you can control the colour, font, the size of text, spacing between elements, what background images or colour etc.

1. **JAVASCRIPT**

* JAVASCRIPT is a scripting language that enables you to create dynamically updating content, control multimedia, animate, images and pretty much everything else.
* JAVASCRIPT is a text-based programming language that you can use from server-side and client-side in your net application.
* It is a programming language that adds interactivity to your website.

1. **BOOTSTRAP**

* BOOTSTRAP is free and open source CSS framework directed at responsive, mobile-first front-end web development.
* It contains HTML, CSS, JAVASCRIPT based design templates for typography, forms, buttons, navigation and other interface components.
* It makes responsive web design a reality. Bootstrap is a CSS framework and toolkit.
  1. **EXISTING** **SYSTEM**
* At present all the activities in transaction are handles manually.
* Manual data processing system, whole providing economy, flexibility and adaptability at low data volumes become more complex when the volume of data becomes large.
* As an organization expands in size and function, a stage is reached when manual procedures become inadequate and inefficient.
* No matter how many clerks are employed a stage is reached them it becomes impossible to systemize such a large amount of information.
* What is required them is an upgrading in the class of information processing technology.
* The present system is not sufficient to hold all the information that is necessary for the processing. So the library is in need of new computerized system. Which is very flexible, user-friendly and capable of holding the system inn a robust manner.
* But maintaining the same quality or upgrading the present one is not an easy task because quality is the ultimate picture of the entire business.
* Good quality of a product depends on many factors e.g. sound infrastructure, better management control, etc.
* So to obtain the optimum quality, jewellers have to upgrade those ingredients by which the quality is attached. To upgrade those ingredients the jewellers have to depend on some types of data.
* So, if the decision making person of the business wants to have a grip on the total business, he/she will have to knowledge of the entire flow of data and information within the organization.
* It can’t be done without the help of a business related software.
* “JB Jewel Design” is developed in PHP, which can keep track of your business activity in a jewellery shop from small segments to large and very large segments.
* There were a lot of reasons for the introduction of the new system. They are mainly due to the drawbacks and efficiency of the existing system.

**DISADVANTAGES**:-

* Manual systems are more time consuming.
* Large number of ledger books has to be maintained for each transaction.
* Since the data are entered manually there are possibilities for errors.
* Data security is very minimal.
* There is a possibility for double entries.
* Generating the reports in the desired format is a tedious process.
* Data stored on papers is subject to loss due to physical damage.
* Physical volume of the data is very large.
* The delay in information search and retrieval.
* Problems in updating and backup.
* Damage of papers containing the information.
* Accuracy of data is very lower in manual system.
  1. **PROPOSED SYSTEM**
* The system study phase studies the problem, identifies alternate solution, evaluates these solutions and finally recommends best solution.
* The site gives the structure and function of the jewellery shop. A detailed subject study is essential for developing an efficient web site.
* The proposed system provides a better user interface.
* Now a days lots of the jewellery shop is useful for shopping site. The admin have lots of paper work and they are using desktop, spreadsheet like MS Excel application to manage data in soft copy about user record.
* In this proposed jewellery system, it will run in server and user can handle whole the registration activities.
* It has facilities to generate various types of reports like pdf, excel, etc. which are required by the management during event organization.
* It maintains the centralized database so that any changes done at a location reflects immediately. This is an online tool into system and use the tool simultaneously.
* The main aim of this project is to evaluate the efficient and efficacy of developing jewellery shop so that business transactions are easy.
* To do this a simple set of tables will be identified from those in use at a database.
* To reduce the manual efforts needed to manage transactions for historical data used.
* Online “JB JEWEL SHOP” is basically used to build an application program which help people to bind and buy latest design of jewellery with different categories like gold, silver, rose gold.
* Also provides an interface to users to view the details about events. It is useful in that it makes an easier way to buy product online.

**ADVANTAGES**:-

* Online systems are less time consuming than manual system.
* Data manipulations are more reliable and accurate.
* Making, searching and updating very easy.
* Data security is more and user friendly.
* Portable and flexible.
* Timely and accurate information can be obtained.
* There is no possibility for double entries.
* Prevent data redundancy.
* Helps to make well formatted reports.
* Reduce workload of employees, storage space, complexity of manual calculations, manual work.
* Enable to view large volume of data in a short period of time.
* Large number of leader books has to be maintained for each transaction.

**REQUIREMENT ANALYSIS**

* Requirement analysis helps organization to determine the needs of users.
* Requirement analysis simply means complete study, analysing and describing requirements can be fulfilled to solve problems.
* This process is used to define the expectations of a website requirement analysis is beneficial to the project, it is common in software engineering.
* Requirement analysis is critical to the success or failure of a systems project
* Requirement should be documented, actionable, measurable, trustable, related to identified business needs or opportunities and defined to a level of details sufficient for system design.

**QUESTIONERRIES**:

ADMIN SIDE:-

1. Who is the owner of “JB jewel shop”?
2. When started the JB jewel shop?
3. Where is located the JB jewel shop?
4. How many employees’ works in this shop?
5. What is your company turnover?
6. Which types of jewellery provides to your customers?
7. How can you distribute your work to specific employee?
8. Why you wants to create this website?
9. What software are you using for managing the whole system?
10. Which types of services provided by you to customer?
11. How did you advertise your new products?
12. How did you grow your business in market?
13. How did you reach more & more customers?

CLIENT SIDE:-